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3. (Once amended) The system as claimed in claim 1, wherein said key clips are referenced using Local Time reconstructed in the receiver from transmitted MPEG-2 Program Clock References (PCR) and Local Time References pair.
4. The system as claimed in claim 3, wherein said system includes a video reference generator.
5. The system as claimed in claim 1, wherein said key clips are referenced using starting and ending flags transmitted in synchronization with an element of said audiovisual program.
6. The system as claimed in claim 1, wherein said defined format identifying key clips of an audiovisual program further comprises starting and ending references for said key clips.
7. The system as claimed in claim 1, wherein said defined format identifying key clips of an audiovisual program further comprises an identification of the content of the key clip, wherein said content includes events and objects associated with said key clip.
8. (Twice amended) A receiver operable to receive and operate upon a digital television data broadcast service, comprising:
- a demultiplexing and decoding module to extract program-related information, wherein the program-related information further comprises an MPEG-2 encoded audiovisual program, Program and System Information Protocol data, and references to key-clips from the digital television data broadcast service;
 - a summarizer operable to receive the audiovisual program PSIP data and references to key-clips and to create summaries of the audiovisual program;
 - a navigation module operable to allow a user to browse said program-related information;
 - a short-term memory to allow short-term storage of at least one of the programs and the summaries; and

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a long-term memory to allow long-term storage of the programs and the summaries,
wherein the long-term storage is accessible from the navigation module.

9. (Once amended) The receiver as claimed in claim 8, wherein said decoding and demultiplexing module is operable to produce program-related information for within-program filtering of audiovisual programs.

10. (Once amended) The receiver as claimed in claim 8, wherein said program-related information further comprises description information usable as indices for database archival of said audiovisual programs.

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11. (Once amended) The receiver as claimed in claim 8, wherein said receiver further comprises a register of user preferences, wherein said decoding and demultiplexing module and said summarizer use said user preferences in generating said program-related information and said summaries.

12. (Twice amended) A program summarizer operable to receive a data broadcast service for filtering and generating summaries of audiovisual programs, comprising:

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a description extraction module operable to parse and extract an audiovisual program description provided by said data broadcast service;

a program and system information extraction module operable to extract the program and system information protocol (PSIP) information and MPEG-2 System Information from said data broadcast service;

an inference engine operable to combine said audiovisual program description with said PSIP information, user preferences, and any other available program information to produce program-related information and key-clip information;

a key-clip map table operable to take said key-clip information and produce a map of video references and times;

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a key clip extraction module operable to extract key clips from said audiovisual program; and

a summary composition module operable to produce summaries of said audiovisual program and provide it to a viewer.

13. Canceled.

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14. The summarizer of claim 12, wherein said any other available program information further comprises information downloaded from a web site.